

ABSTRACT

Provided are an anode material capable of improving a capacity and cycle characteristics, and a battery using the anode material. A disk-shaped cathode contained in a package can and a disk-shaped anode contained in a package cup are laminated with a separator in between. The anode comprises a composite material formed through applying a compressive force and a shearing force to at least a part of a surface of a base material including at least one kind selected from Group 14 elements except for carbon so as to combine a carbonaceous material with the base material, thereby the capacity and the cycle characteristics can be improved.